

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A vertical docking apparatus comprising:
 - a docking receiver member having a docking surface, the docking receiver member including a battery cavity open to the docking surface;
 - a guide member extending vertically from an edge of the docking surface;
 - a plurality of elongated locating members extending vertically from the docking surface;
 - a first connector extending vertically from the docking surface;
 - a plurality of locking members mounted on the docking surface;
 - a plurality of locating receivers for receiving the locating members;
 - a docking member having a mating surface for engagement with the docking surface, the elongated locating members engaging the locating receivers positioned on the mating surface for maintaining the docking surface substantially parallel to the mating surface during a relative movement of the docking member and the docking receiver member;
 - a plurality of locating receivers on the mating surface for receiving the locating members;
 - a second connector extending vertically from the mating surface; and
 - a plurality of locking member receivers mounted on the mating surface, whereby primary engagement of the docking member with the guide member and secondary engagement of the of the locating members with the locating receivers aligns the first and second connectors for seating and for engagement of the locking members and the locking member receivers, the locking members being automatically simultaneously actuated by an ejection device for disengagement of the docking member and the docking receiver member; and
 - wherein at least one of the locking members is oriented to the function in a first direction and at least one of the locking members is oriented to the function in a second direction opposite the first direction so that a battery placed in the cavity is secured in the cavity due to the locking members moving in opposite directions to disengage the docking member and the docking receiver member.

2. (Original) The apparatus as defined in claim 1 wherein the docking receiver member is a media slice.
3. (Original) The apparatus as defined in claim 2 wherein the docking member is an information handling system.
4. (Original) The apparatus as defined in claim 1 further comprising:
a plurality of ejection members housed in the docking receiver member.
5. (Currently Amended) The apparatus as defined in claim 4 wherein the ejection device is located on the docking receiver member.
6. (Original) The apparatus as defined in claim 4 further comprising:
means on the docking member receiver for disengaging the locking members from the locking member receivers and extending the ejection members vertically from the docking surface.
7. (Cancelled).
8. (Currently Amended) The apparatus as defined in claim 7-1 further comprising:
a battery in the cavity.
9. (Cancelled).
10. (Cancelled).
11. (Original) The apparatus as defined in claim 1 further comprising:
means on the docking member receiver for locking the locking members in the locking members receivers.
12. (Currently Amended) An information handling system comprising:
a docking receiver member having a docking surface, the docking receiver member including a battery cavity open to the docking surface;

a guide member extending vertically from an edge of the docking surface;
a plurality of elongated locating members extending vertically from the docking surface;

a first connector extending vertically from the docking surface;

a plurality of locking members mounted on the docking surface;

a docking member including a chassis, a microprocessor in the chassis and a storage coupled to the microprocessor, the chassis having a mating surface for engagement with the docking surface;

a plurality of locating receivers on the mating surface for receiving the locating members, the elongated locating members engaging the locating receivers for maintaining the docking surface substantially parallel to the mating surface during a relative movement of the docking member and the docking receiver member;

a second connector extending vertically from the mating surface; and

a plurality of locking member receivers mounted on the mating surface, whereby primary engagement of the docking member with the guide member and secondary engagement of the of the locating members with the locating receivers aligns the first and second connectors for seating and for engagement of the locking members and the locking member receivers, the locking members being automatically simultaneously actuated by an ejection device for disengagement of the docking member and the docking receiver member; and

wherein at least one of the locking members is oriented to the function in a first direction and at least one of the locking members is oriented to the function in a second direction opposite the first direction so that a battery placed in the cavity is secured in the cavity due to the locking members moving in opposite directions to disengage the docking member and the docking receiver member.

13. (Original) The system as defined in claim 12 wherein the docking receiver member is a media slice.
14. (Original) The system as defined in Claim 13 wherein the docking member is a portable computer.
15. (Original) The system as defined in claim 12 further comprising:
a plurality of ejection members housed in the docking receiver member.

16. (Currently Amended) The system as defined in claim 15 wherein the ejection device is located on the docking receiver member.
17. (Previously Presented) The system as defined in claim 15 further comprising:
means on the docking receiver member for disengaging the locking members from the locking member receivers and extending the ejection members vertically from the docking surface.
18. (Cancelled).
19. (Currently Amended) The system as defined in claim 18-12 further comprising:
a battery in the cavity.
20. (Cancelled).
21. (Cancelled).
22. (Previously Presented) The system as defined in claim 12 further comprising:
means on the docking receiver member for locking the locking members in the locking members receivers.
23. (Currently Amended) A method for vertically docking an information handling system comprising:
providing a docking receiver member having a docking surface, the docking receiver member including a battery cavity open to the docking surface;
providing a guide member extending vertically from an edge of the docking surface;
providing a plurality of elongated locating members extending vertically from the docking surface;
providing a first connector extending vertically from the docking surface;
providing a plurality of locking members mounted on the docking surface;
providing a docking member having a chassis including a mating surface for engagement with the docking surface;

providing a plurality of locating receivers on the mating surface for receiving the locating members, providing the elongated locating members and the locating receivers with a structure sufficient for maintaining the docking and mating surfaces substantially parallel during a relative movement of the docking member and the docking receiver member;

providing a second connector extending vertically from the mating surface;

providing a plurality of locking member receivers mounted on the mating surface;

engaging the docking member with the guide member;

engaging the locating members with the locating receivers for aligning the first and second connectors;

engaging the locking members with the locking receivers; and

connecting the first and second connectors;

providing an ejection device; and

automatically simultaneously actuating the locking members by the ejection device for disengagement of the docking member from the docking receiver member; and

wherein at least one of the locking members is oriented to the function in a first direction and at least one of the locking members is oriented to the function in a second direction opposite the first direction so that a battery placed in the cavity is secured in the cavity due to the locking members moving in opposite directions to disengage the docking member and the docking receiver member.

24. (Original) The method as defined in claim 23 wherein the locating members and locating member receivers provide means for maintaining the docking member substantially parallel to the docking receiver member during a vertical movement of the docking member.